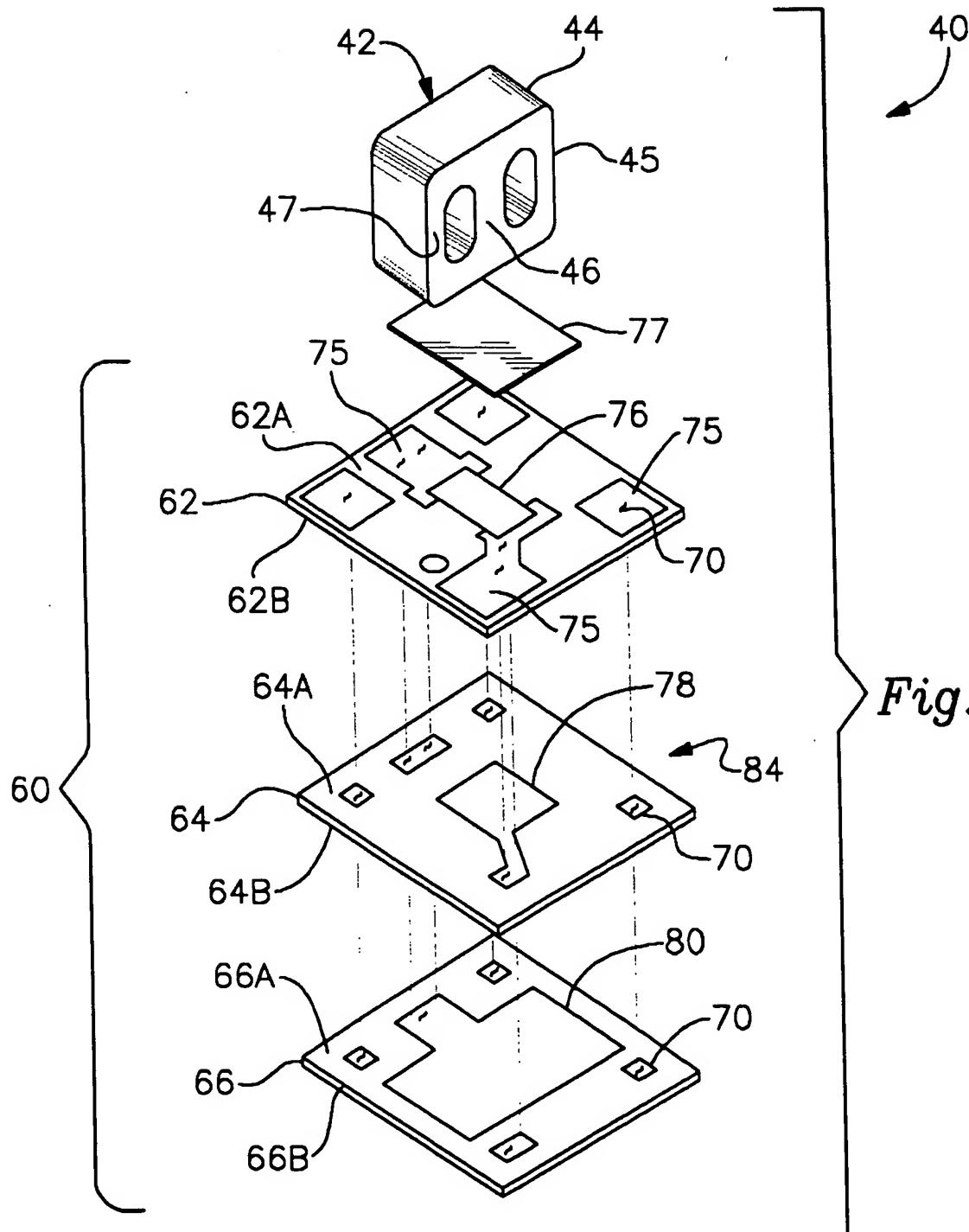


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*Fig. 2*

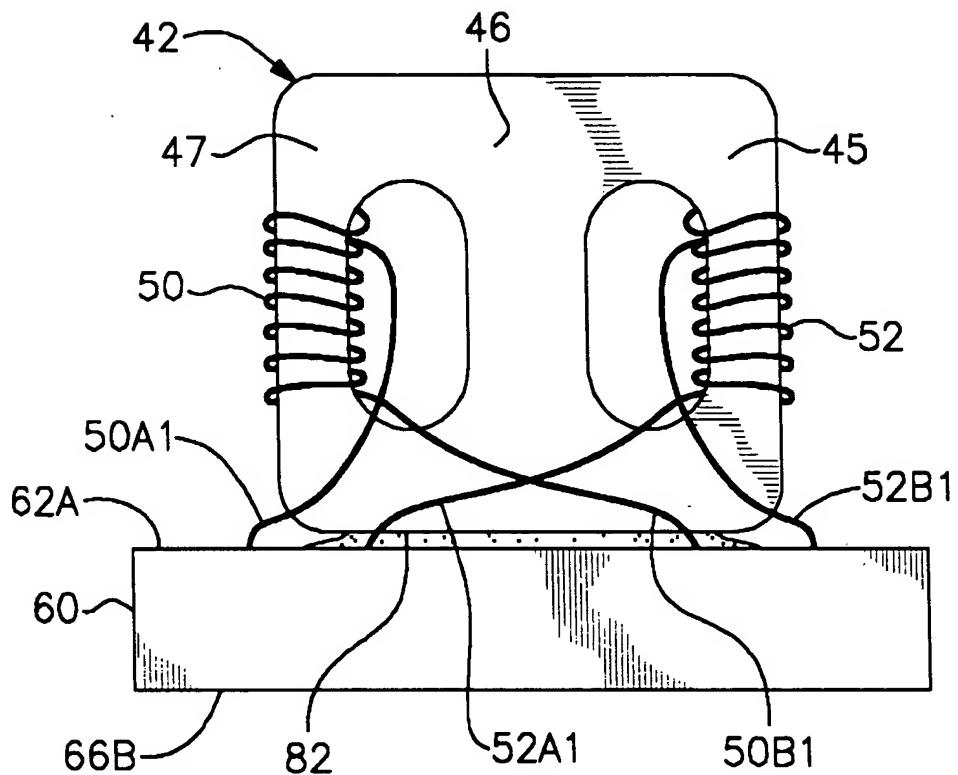


Fig. 4

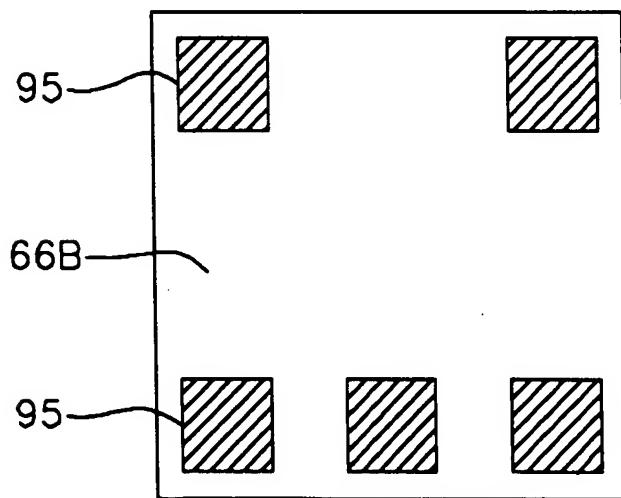


Fig. 5

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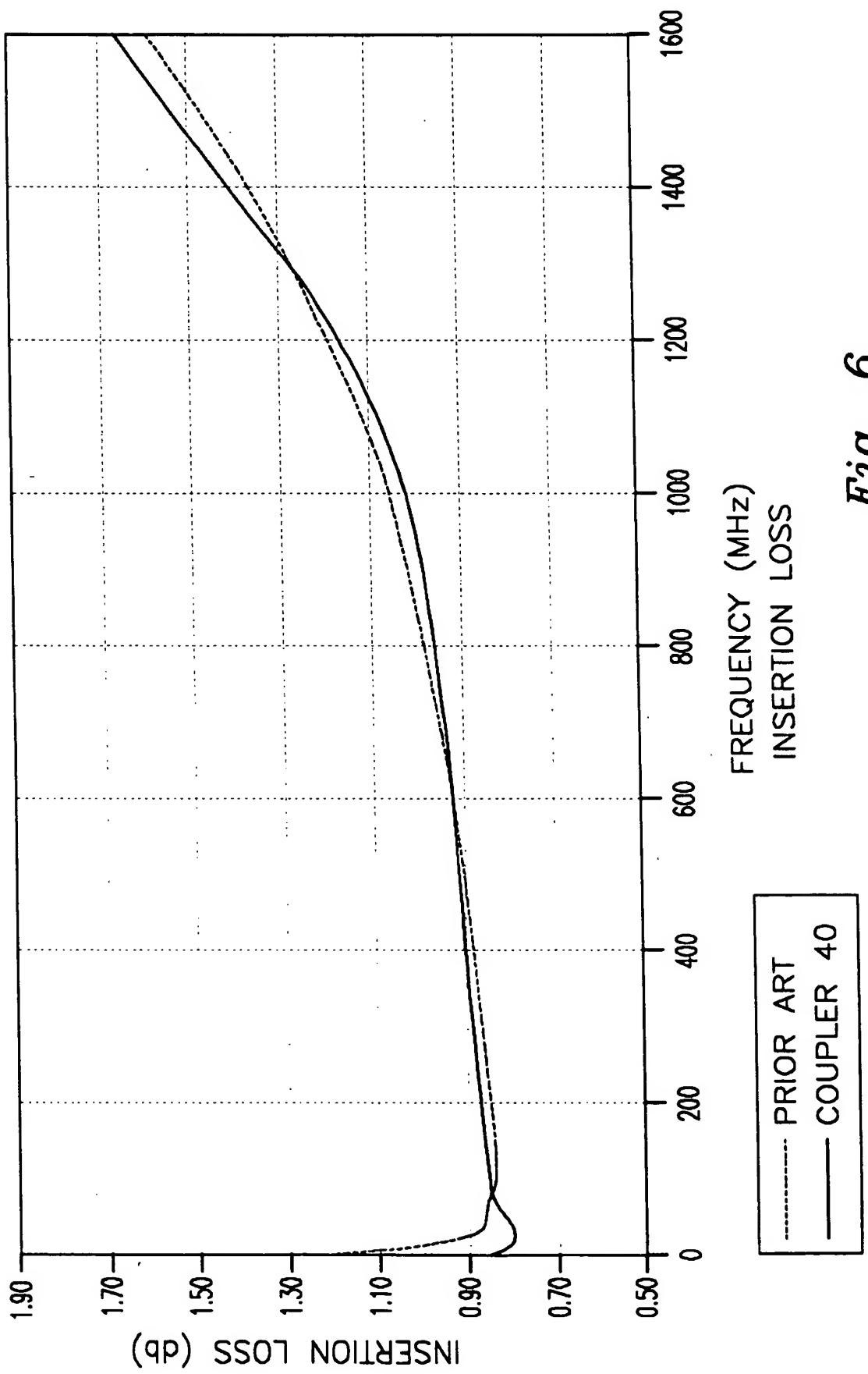


Fig. 6

20 22 24 26 28 30 32

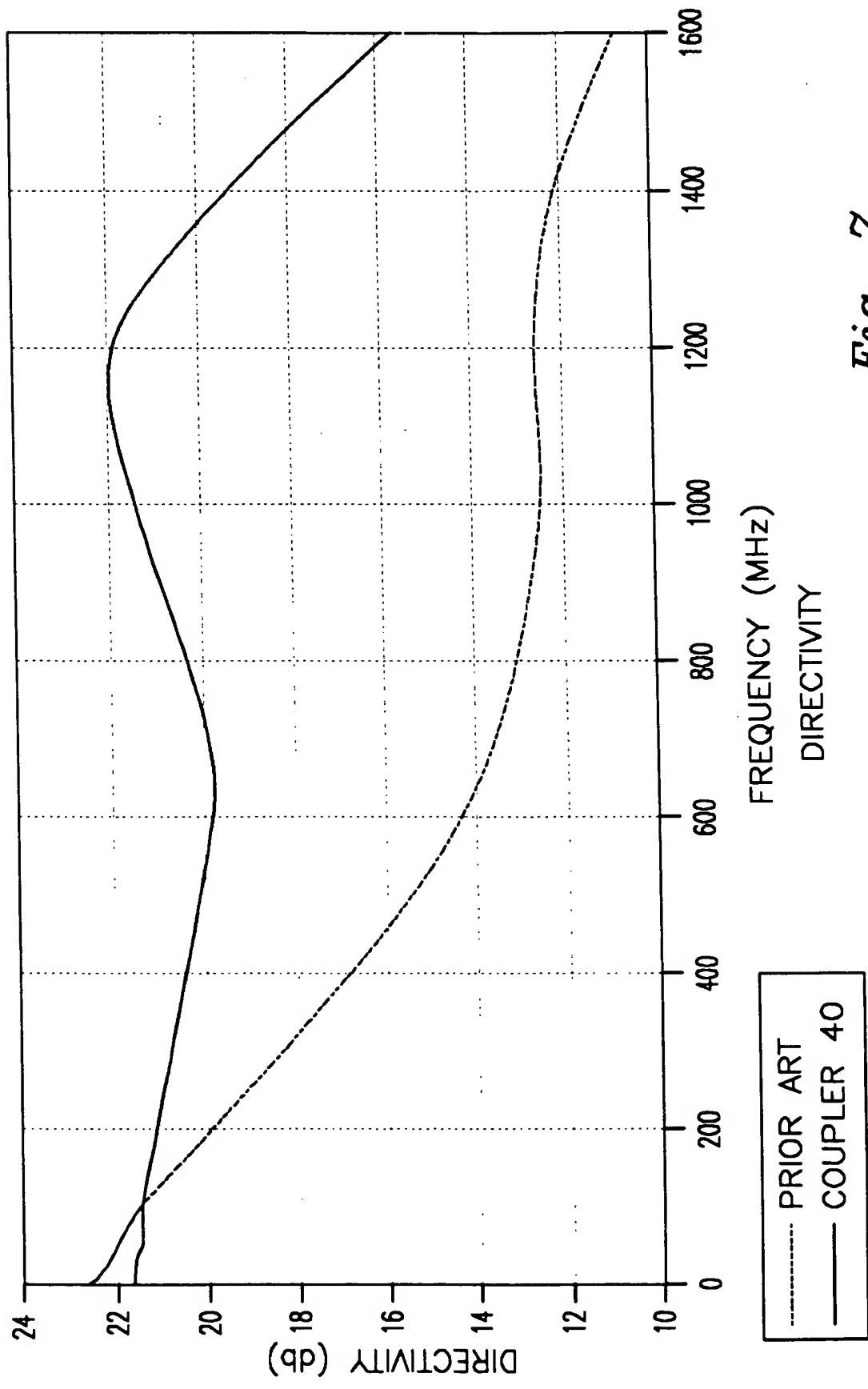


Fig. 7

20220 "ART COUPLING

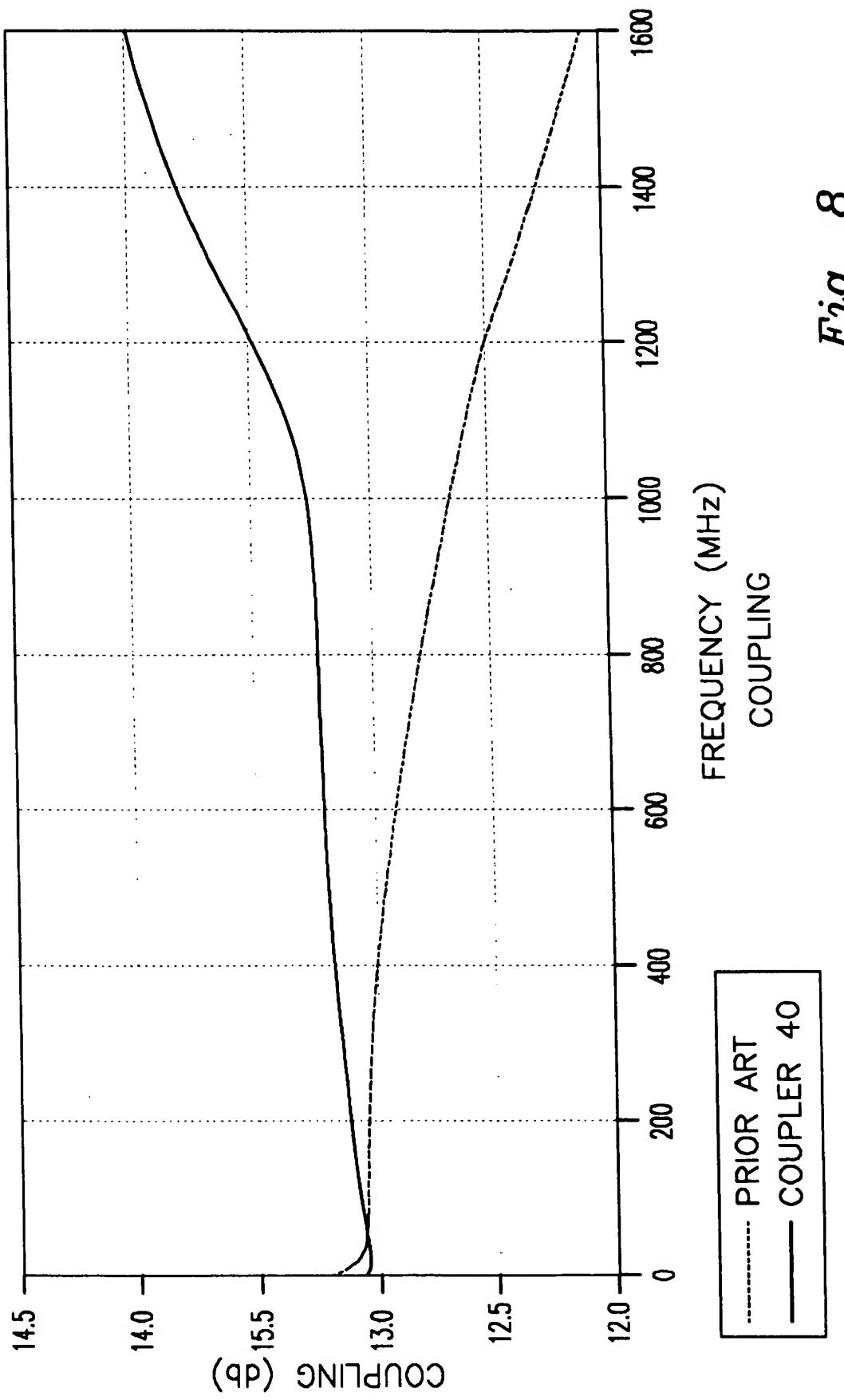
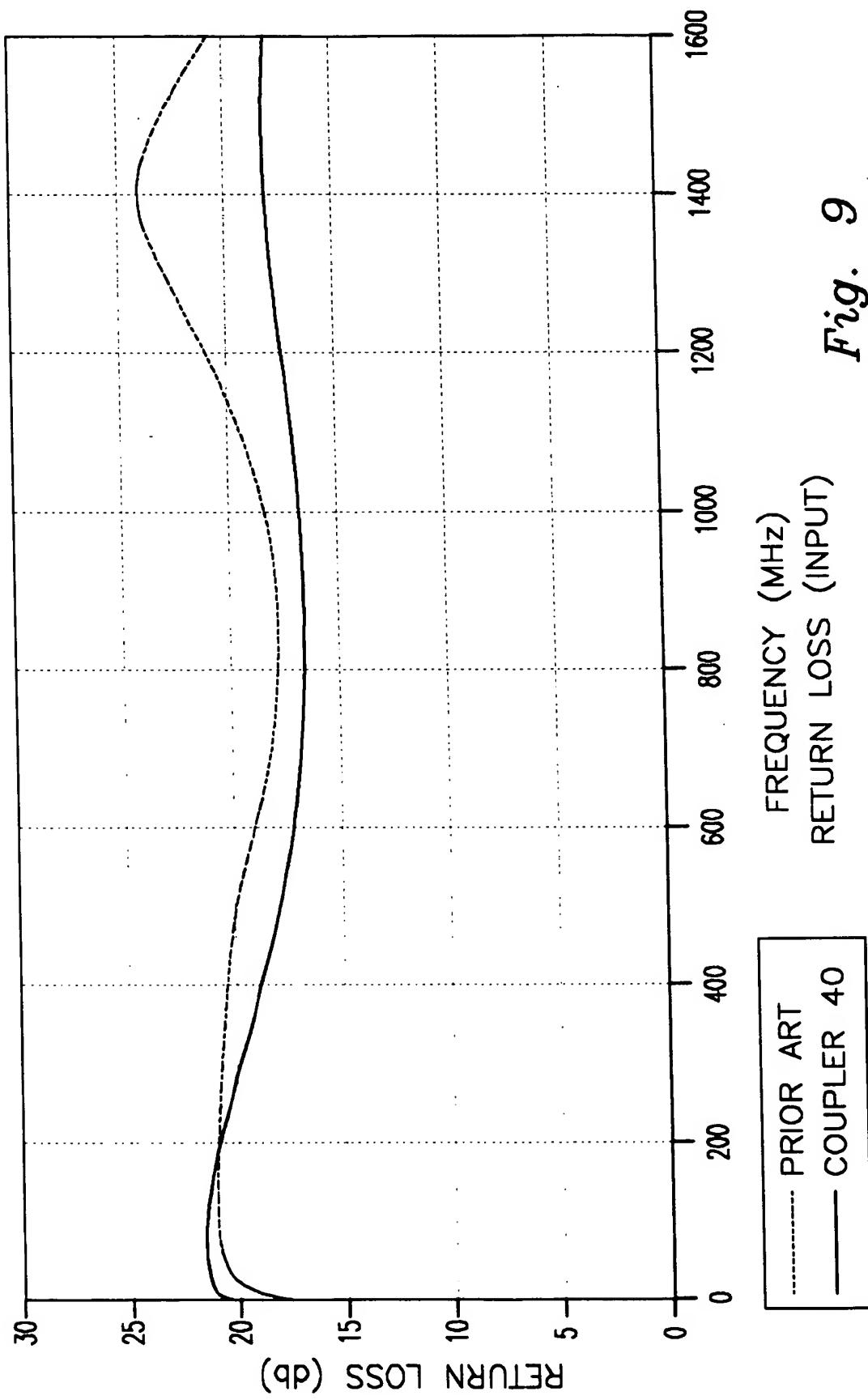


Fig. 8

2020-2020 "ZT2200T"



20220 " ZTR ZERO

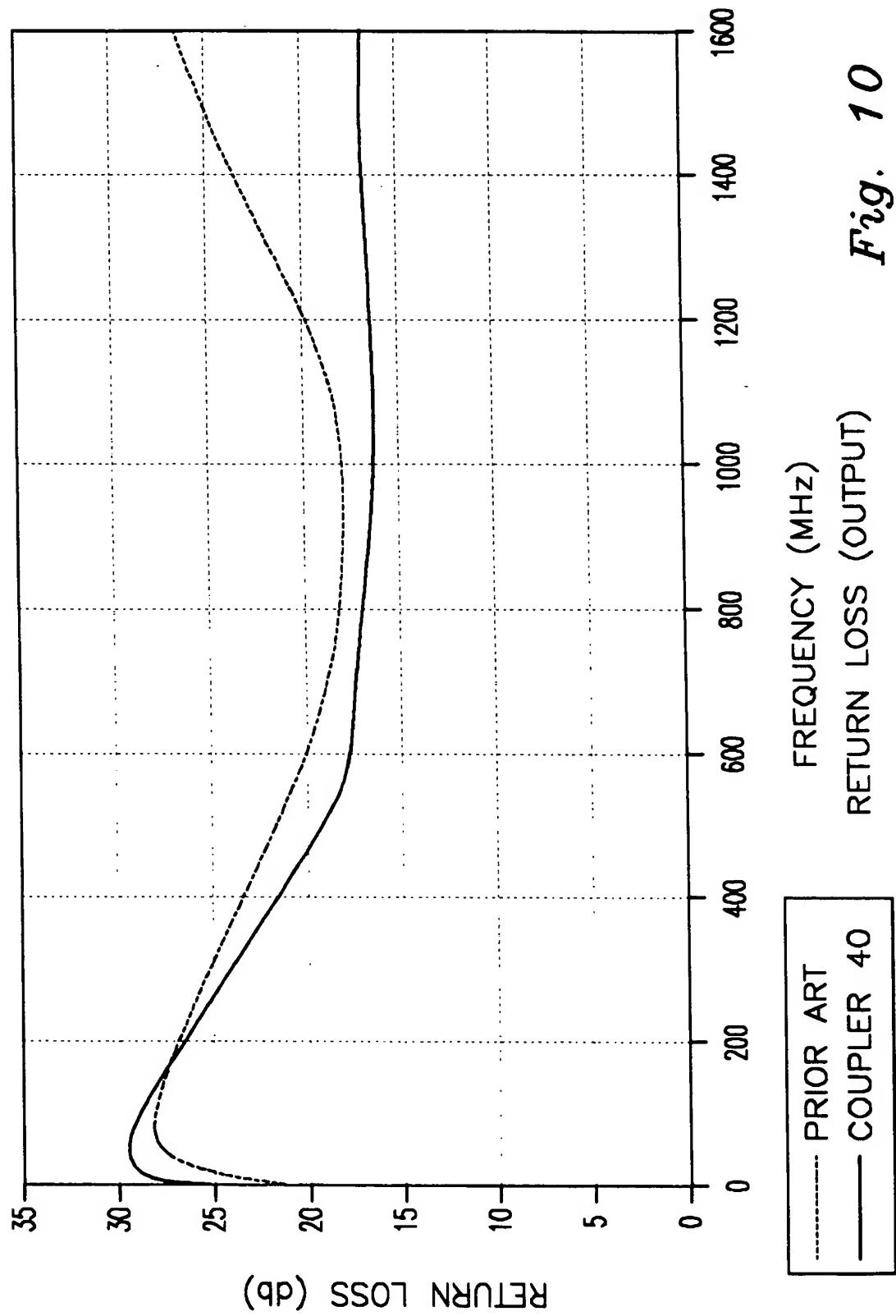


Fig. 10

20 22 20° 27 22 800°F

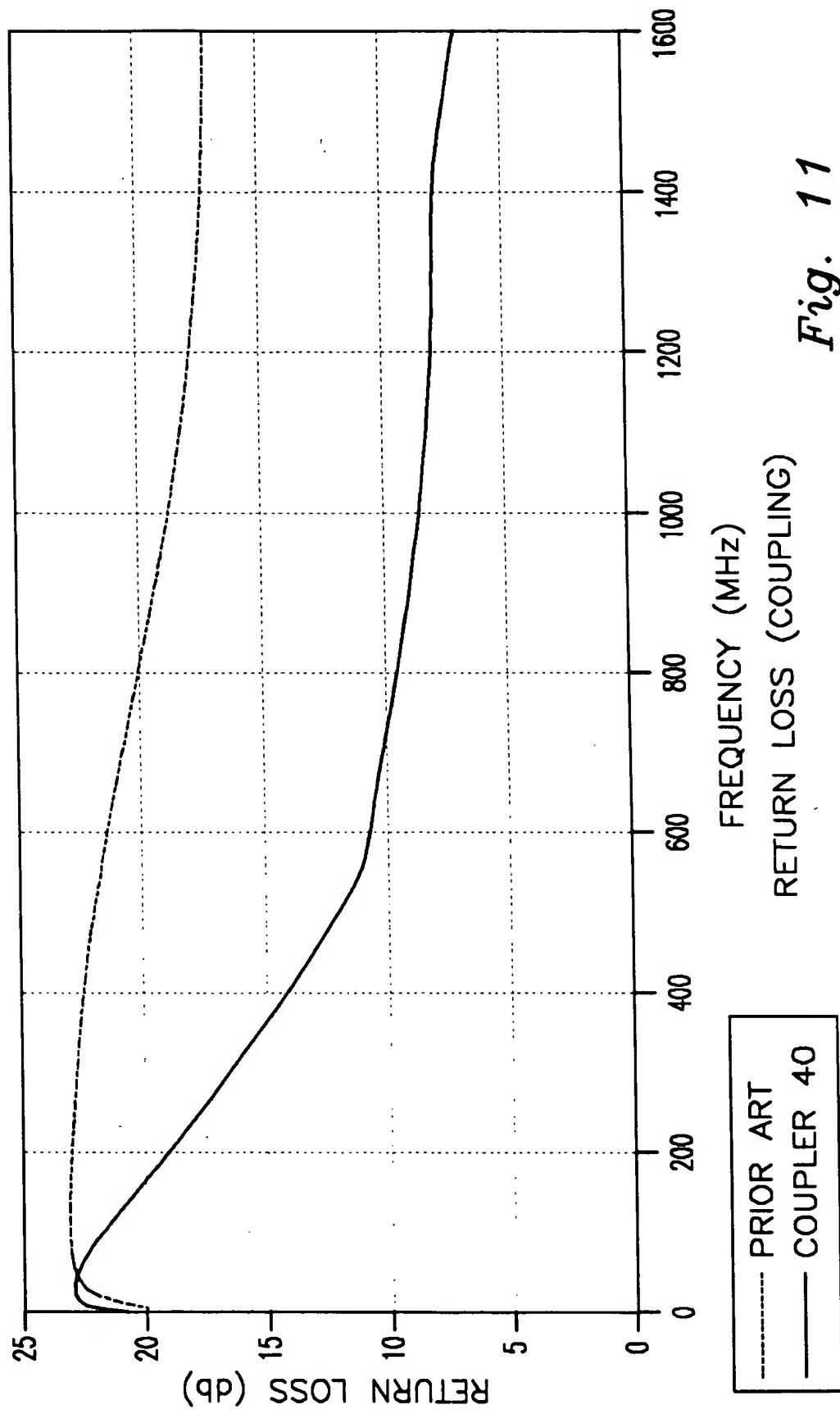


Fig. 11

## ELECTRICAL SPECIFICATIONS

MODEL NO.	FREQ. RANGE (MHz) f <sub>L</sub> -f <sub>U</sub>	COUPLING (db)	MAINLINE LOSS (db)				DIRECTIVITY (db)				VSWR (:1)	POWER INPUT, W L MU	POWER MAX. L MU				
			M Max.	N Nom. Flatness	L Typ. Max.	U Typ. Max.	M Typ. Min.	N Typ. Min.	U Typ. Min.	L Typ. Min.							
DBTC-9-4	5-1000	9.0±0.5 ±0.5	1.2	2.0	1.2	1.8	1.5	2.0	21	17	18	13	15	--	1:30	0.5	1.0
DBTC-10-4-75	5-1000	10.5±0.5 ±0.7	1.5	2.2	1.4	2.0	1.5	2.0	21	16	20	13	16	--	1:30	0.5	1.0
DBTC-12-4	5-1000	12.2±0.5 ±0.9	0.9	1.8	0.7	1.3	1.1	1.6	33	22	21	14	15	--	1:30	0.5	1.0
DBTC-13-4	5-1000	13.0±0.5 ±0.6	0.7	1.3	0.7	1.3	1.1	1.6	21	17	18	13	13	--	1:30	0.5	1.0
DBTC-13-5-75	5-1000	13.2±0.5 ±0.6	0.9	1.4	1.0	1.5	1.1	1.6	21	17	19	14	18	--	1:30	0.5	1.0
	1000-1500	13.6±0.5 ±0.8			1.4	2.2					17	--					
DBTC-16-5-75	5-1000	16.3±0.5 ±0.7	1.2	2.0	1.0	1.5	1.1	1.6	22	16	21	13	20	--	1:30	1.0	1.0
	1000-1500	16.5±0.5 ±0.7			1.3	1.9					19	--					
DBTC-17-5	5-1000	17.0±0.7 ±0.9			0.9	1.4					20	13			1:30	--	2.0
	1000-1500	17.7±0.9 ±1.0			1.0	1.5					20	10			1:30	--	2.0
	1500-2000	18.0±1.0 ±0.8			1.1	1.6					14	--			1:30	--	2.0
DBTC-18-4-75	5-1000	18.2±0.5 ±0.7	0.8	1.5	0.8	1.4	1.0	1.6	25	16	21	14	15	--	1:30	1.0	1.0
	20-1000	20.4±0.6 ±0.8	0.3	1.0	0.4	1.0	0.7	1.3	21	13	21	14	16	--	1:20	1.0	1.0

L=low range [f<sub>L</sub> to 10f<sub>L</sub>] M=midrange [10f<sub>L</sub> to f<sub>U</sub>/2] U=upper range [f<sub>U</sub>/2 to f<sub>U</sub>] Fig. 12